

**PRE-CERCLIS SCREENING/NEW SITE ASSIGNMENT FORM****EPA ID NUMBER:** None**SITE NAME:** New York Solder Co. Inc.**PREVIOUS NAMES (AKAs):** None**SITE LOCATION:****Street address:** 15 Crosby Street**City:** New York**State:** New York**Zip code:** 10013**County:** New York**BLOCK:** 0233**LOT:** 0004**LATITUDE (decimal degrees):** + 40.802039**LONGITUDE (decimal degrees):** - 73.916317**a. Accuracy meters:** +/- one meter**b. Collection method:** Global Positioning System**c. Reference datum:** WGS84**d. Reference point:** taken halfway between 13 and 19 Crosby Street**e. Source map scale:** None**f. Point/line/area:** Point**g. Collection date:** 11/14/2012

(See attachment 1 for available values)

**AVAILABLE SITE TYPE MAIN CATEGORIES:** Recycling**AVAILABLE SITE TYPE MAIN SUBCATEGORIES:** Batteries/Scrap Metals/secondary smelting/precious metals recovery

(See attachment 2 for available values)

**COMPLETE THE FOLLOWING CHECKLIST.**

	YES	NO
1. Does the site already appear in CERCLIS?		X
2. Is there a known, suspected, or potential release of CERCLA hazardous substances?	X	
3. Is the release from products that are part of the structure of, and result in exposure within, residential buildings or businesses or community structures?		X
4. Does the site consist of a release of a naturally occurring substance in its unaltered form, or altered solely through naturally occurring processes or phenomena, from a location where it is naturally found?		X
5. Is the release into a public or private drinking water supply due to deterioration of the water supply system through ordinary use?		X
6. Is some other program actively involved with the site (i.e., another Federal, State or Tribal program)?		X
7. Are the hazardous substances potentially released at the site regulated under a statutory exclusion (i.e., petroleum, natural gas,		X

natural gas liquids, synthetic gas usable for fuel, normal application of fertilizer, release located in a workplace, naturally occurring, or regulated by the NRC, UMTRCA or OSHA?		
8. Are the hazardous substances potentially released at the site excluded by policy considerations (e.g., deferral to RCRA Corrective Action)?		X
9. Is there sufficient documentation that clearly demonstrates that there is no potential for a release that could cause adverse environmental or human health impacts (e.g., comprehensive remedial investigation equivalent data showing no release above ARARs, completed removal action, previous HRS score determined, ASTM Phase I, II, etc. completed, EPA approved risk assessment completed)?		X

**EXPLAIN ALL YES ANSWERS:**

Question 2: There is potential release because there is historical evidence of possible smelter operations, others of which have historically shown releases of lead to on-site soils and surrounding properties.

**SITE DETERMINATION:**

       **FURTHER ASSESSMENT IS RECOMMENDED. ENTER SITE INTO CERCLIS.**

  **X**   **THE SITE IS NOT RECOMMENDED FOR PLACEMENT INTO CERCLIS.**

**DISCUSS DECISION AND RATIONALE:**

Pre-CERCLIS screening activities for this property are being conducted by EPA. The property was included in a list of hundreds of locations nationwide where secondary lead smelting or alloying might have been conducted between 1931 and 1964. The list was originally compiled by William P. Eckel in a doctoral dissertation for George Mason University and was based on entries in historical industry trade publications. The research was summarized in the article "Discovering Unrecognized Lead-Smelting Sites by Historical Methods" (Eckel et al, 2001) published in the American Journal of Public Health. Based on review of additional historical documents including city directories and Sanborn™ fire insurance maps, as well as an evaluation of current circumstances, EPA is attempting to identify if further investigation is warranted to evaluate possible public health threats associated with New York Solder Co. Inc. at 15 Crosby Street in New York (Manhattan), NY.

On November 14, 2012, EPA arrived at the approximate location of 15 Crosby Street, the reported address of the former New York Solder Co. Inc. as indicated in Eckel's report. As shown in the photographic documentation log in Appendix A, the subject property is currently occupied by multi-story residential buildings. Addresses shown on the buildings are 13 and 19 Crosby Street; there was no building identified as 15 Crosby Street. The subject property is located in a dense, urban area with little exposed soil within 0.25 mile.

Available Sanborn Maps indicate that the subject property has been occupied by a building since at least 1894; however, the use of the building is not identified. The New York Telephone Directory for this address for 1938 has a listing for the "NY Solder Co Inc". Additionally, in 1942 and 1947, the "SureFlux (Sure-Flux) Solder Co" is listed as being located at 15 Crosby Street.

Based on the information obtained from the City Directories, there is historical evidence that solder companies occupied the building in the 1930s and 1940s and that possible smelter operations occurred at the subject property; however, there is no exposed soil on the subject property or in the immediate vicinity. Therefore, at the present time and based on available information, the New York Solder Co. Inc. site is not recommended for further action under CERCLA.

Checklist preparer: Nancy Shannon  
Print name/signature

12/04/12  
Date

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Regional EPA Reviewer: \_\_\_\_\_  
Print name/signature

\_\_\_\_\_  
Date

**ATTACHMENT 1****REQUIRED INFORMATION FOR SITE COORDINATES**

Please provide Latitude and Longitude in decimal degrees.

- a. Accuracy meters: Describe the accuracy value as a range (+/-) of the latitude and longitude in meters: +/- one meter
- b. Collection method: Describe the method used to determine the site coordinates.
  - ☐ Address matching
    - ☐ Block Face
    - ☐ Digitized
    - ☐ House Number
    - ☐ Nearest Intersection
    - ☐ Primary Name
    - ☐ Street Centerline
    - ☐ Other (specify) \_\_\_\_\_
  - ☐ Interpolation
    - ☐ Map
    - ☐ Digital map source (TIGER)
    - ☐ Photo
    - ☐ Satellite
    - ☐ MSS
    - ☐ SPOT
    - ☐ TM
    - ☐ Other (specify) \_\_\_\_\_
  - ☒ Global Positioning System
    - ☐ Carrier phase kinematic relative positioning technique
    - ☐ Carrier phase static relative positioning technique
    - ☐ Code measurements (pseudo range) differential (DGPS)
    - ☐ Code measurements (pseudo range) precise positioning service
    - ☐ Code measurements (pseudo range) standard positioning service SA off
    - ☐ Code measurements (pseudo range) standard positioning service SA on
    - ☒ GPS unspecified
  - ☐ Public land Survey
    - ☐ Footing
    - ☐ Quarter section
    - ☐ Eighth section
    - ☐ Sixteenth section
    - ☐ Section
  - ☐ Census
    - ☐ Block - 1990 - centroid
    - ☐ Block/group - 1990 - centroid
    - ☐ Block tract - 1990 - centroid
    - ☐ Other (specify) \_\_\_\_\_
  - ☐ Loran C
    - ☐ Classical Surveying Techniques
    - ☐ Zip Code Centroid
    - ☐ Zip+2 Centroid
    - ☐ Zip+4 Centroid
    - ☐ Unknown

☐ Other (specify) \_\_\_\_\_

c. Reference Datum: Please describe the reference datum of the latitude and longitude

- ☐ NAD27  
☐ NAD83  
☒ WGS84  
☐ Other (specify) \_\_\_\_\_  
☐ Unknown

d. Reference Point: Describe the category of feature referenced by the site coordinates

- ☐ Administrative building  
☐ Air monitoring station  
☐ Air release  
     ☐ Stack  
     ☐ Vent  
☐ Atmosphere emissions treatment unit  
☐ Boundary point  
☐ Center of facility/centroid  
☒ Facility/station building entrance  
☐ Intake point  
☐ Lagoon or settling pond  
☐ Liquid waste treatment unit  
☐ Loading area centroid  
☐ Loading facility  
☐ Monitoring point  
☐ Northeast corner of land parcel  
☐ Northwest corner of land parcel  
☐ Plant Entrance  
     ☐ Freight  
     ☐ General  
     ☐ Personnel  
☐ Process Unit  
☐ Process Unit area centroid  
☐ Southeast corner of land parcel  
☐ Southwest corner of land parcel  
☐ Solid waste treatment/disposal unit  
☐ Solid waste storage area  
☐ Water monitoring station  
☐ Water release pipe  
☐ Well  
☐ Well protection area  
☐ Within limits of groundwater plume  
☐ Other (specify)  
☐ Unknown

e. Source Map Scale: Describe the scale of the source used to determine the site coordinates

- ☐ 1:10,000  
☐ 1:12,000  
☐ 1:15,840  
☐ 1:20,000  
☐ 1:24,000  
☐ 1:25,000

- ☐ 1:50,000
- ☐ 1:62,500
- ☐ 1:63,360
- ☐ 1:100,000
- ☐ 1:125,000
- ☐ 1:250,000
- ☐ 1:500,000
- ☒ None
- ☐ Other (specify) \_\_\_\_\_
- ☐ Unknown

f. Point/line/area: Describe the area defined by the coordinates

- ☐ Area
- ☐ Line
- ☒ Point
- ☐ Region
- ☐ Route
- ☐ Unknown

g. Collection Date: Please provide the date the site coordinates were obtained: **11/14/2012**

**ATTACHMENT 2****SITE TYPE MAIN CATEGORIES AND SUB CATEGORIES****Manufacturing/processing/maintenance**

Chemicals and allied products  
 Radioactive products  
 Primary metals/mineral processing  
 Oil and gas refining  
 Metal fabrication/finishing/coating and allied industries  
 Lumber and wood products/pulp and paper  
 Lumber and wood products/wood preserving/treatment  
 Plastics and rubber products  
 Electronic/electrical equipment  
 Coal gasification  
 Ordnance production  
 Coke production  
 Trucks/ships/trains/aircraft and related components  
 Tanneries  
 Fabrics/textiles  
 Other (please specify)

**Waste Management**

Municipal solid waste landfill  
 Industrial waste landfill  
 Co-disposal landfill (municipal and industrial)  
 Industrial waste facility (non-generator)  
 Radioactive waste treatment, storage, disposal (non-generator)  
 Mine tailings disposal  
 Illegal disposal/open dump  
 Other (please specify)

**Recycling**

Batteries/scrap metals/secondary smelting/precious metal recovery  
 Waste/used oil  
 Automobiles/tires  
 Drums/tanks  
 Chemicals/chemical waste (e.g., solvent recovery)  
 Other (please specify)

**Mining**

Coal  
 Oil and gas  
 Metals  
 Non-Metal minerals  
 Other (please specify)

**Other**

Treatment works/septic tanks/other sewage treatment  
 Transportation (e.g., railroad yards, airport, barge docking site)  
 Product storage/distribution  
 Groundwater plume site with no identifiable source  
 Contaminated sediment site with no identifiable source  
 Retail/commercial (e.g., dry cleaners)  
 Agricultural (e.g., grain elevators)  
 Spill or other one time event  
 Military  
 Research, development, and testing facility  
 Dust control  
 Other (please specify)

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**APPENDIX A**  
**PHOTOGRAPHIC DOCUMENTATION LOG**

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## Photographs

Contract No./TDD Number	Site Name/Location	Date	Page
EP-S5-06-04	New York Solder Co. Inc.	11/14/12	Page 1 of 2
S05-0013-1210-021	New York (Manhattan), New York		



Photograph 1 – Looking east-southeast at the entrance to the residential building located at 13 Crosby Street.



Photograph 2 – Looking east-southeast at the entrance to the residential building at 19 Crosby Street, adjacent to 13 Crosby Street.

Photographs

Contract No./TDD Number	Site Name/Location	Date	Page
EP-S5-06-04	New York Solder Co. Inc.	11/14/12	Page 2 of 2
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